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8 pp.

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I. A. Edalshtein, 3 pp.

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No 6, 1957, pp 67-69.

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(FND 25859)

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CIA/FND/U-7843

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HB 5736

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ISA

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pp 3-8.

MLL M. 3587

Sci - Engr

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RT-1301

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1958, pp 23.

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Borenson, S. P.

THE LACQUER-FORMING PROPERTIES OF OILS IN
THE VAPOR PHASE, tr. by Lionel Mate. [1961]
[5]p. 6 refs. TRC Trans. no. 1050; [DSIR LIU]
M4691.

Order from OTS or SLA \$1.10

61-28176

Trans. of Khimiya [4] Tekhnologiya Topliv i Masel
(USSR) 1960 [v. 5] no. 10, p. 38-41.

DESCRIPTORS: *Oils, *Vaporization, *Vapors, *Phase transitions, Physical properties, Chemical reactions.

Tests indicated that vapour-phase lacquer-formation represents one of the important elements in the process of formation of lacquer deposits. The intensity of the lacquer-formation in the vapour phase depends on the temperature, chemical and fractional composition (Chemistry-Physical, TU, v. 7, no. 6) (over)

61-28176

- I. Borenson, S. P.
- II. TRC Trans-1050
- III. DSIR LIU M. 4691
- IV. Davanton Research Centre,
Shell Research Ltd.
(Gr. Brit.)

197072

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Berenstecher, Otto.
MOULD PLATE FOR THE MANUFACTURE OF
SHELL LIKE FORMS FOR FOUNDRY PURPOSES.

[1961] 3p, 1 ref.

Order from OTS or SLA \$1.10

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Trans. of German patent 965 921, cl. 31c, gr. 808,
int. cl. B 22d, S5707V1/31c, by Siemens Schuckert-
werke, Aktiengesellschaft, pat. from 1 Sep 44,
appl. pub. 21 Feb 52, grant pub. 13 June 57.

DESCRIPTORS: *Structural shells, *Casting, Metal
plates, Molding, Molding materials, Industrial
production, Heating elements.

The mould plates are made as thermically adjustable
bodies such as electrical heating elements.

(Metallurgy, TT, v. 6, no. 9)

(over)

61-18272

- I. Berenstecher, O.
- II. Patent (Germany) 965 921

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9 pp.

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ATTC ML-213/1

cc1 - Chemistry
cc 60

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M. A.
DESULFURIZATION OF GASOLINE, LIGROINS AND
DIESEL FUELS. [1961] 8p. 6 refs.
Order from OTS or SLA \$1.10 61-16646

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cheskikh Nauk. Izvestiya, 1942, no. 3/4, p. 11-19.

DESCRIPTORS: *Gasoline, *Fuel oil, *Oils, *Sulfur,
Separation.

(Materials--Fuels, TT, v. 6, no. 5)

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I. Berents, L. L.
II. Ershov, N. V.
III. Kazarnovskaya, M. A.

Office of Technical Services

Berents, L. I.
VELOCITIES OF CRACKING OF NARROW OIL
FRACTIONS AND THEIR MIXTURES. [1961] 7p.
13 refs.

Order from OTS or SLA \$1.10 61-16886

Trans. of Akademiya Nauk SSSR. Otdelenie Tekh-
nicheskikh Nauk. Izvestiya, 1940, no. 9, p. 99-108.

DESCRIPTORS: *Oils, *Hydrocarbons, Decomposition,
Velocity, Gasoline, Fuels.

Increasing the extent of cracking of an individual nar-
row fraction to 50% results in a reduction of the crack-
ing velocity, which confirms the view of Frost and
Dintses concerning the retarding effect of cracked
products on the cracking reactions. The cracking ve-
locities of mixtures of narrow fractions do not follow
the rule of additivity. They are considerably lower
than velocities of decomposition of the initial individual
fractions. (Author)
(Engineering--Chemical, TT, v. 6, no. 5)

61-16886

I. Berents, L. I.

Office of Technical Services

Berents, L. I.

THE CHARACTER OF DECOMPOSITION OF MIXTURES OF OCTANE AND ISOCTANE. [1961] 5p. 7 refs.

Order from OTS or SLA \$1.10

61-16885

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya, 1940, no. 8, p. 47-50.

DESCRIPTORS: *Hydrocarbons, Decomposition, *Octanes.

Cracking of mixtures of pure normal octane and 2, 2, 4-trimethylpentane in a quartz coil at 580° C. and 1-1.3 second reaction period was investigated in an attempt to determine the mechanism of the reaction. The results indicate that the reaction is not unimolecular. The curve for the dependence of the rate of cracking upon the composition of the mixture possesses a maximum revealing a mutual effect of the two hydrocarbons in their thermal conversion. (Author)

(Chemistry--Organic, TT, v. 6, no. 5)

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62-10390

I. Berenyi, D.

191195

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[1961] [22]p.

Available on loan from SLA 62-10390

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L. Baranyi, 1 pg.
HUNGARIAN, per. Tugan-Atar Dnepriy Solyon, No 11,
November 1963, pp 490-493, 510-519
DIA LIA 327 67

Re: Hungary
Room
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HUNGARIAN, per, Debreceni Szemle, Vol IX, No 11,
1937, pp 264-274.

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Speedometer According to the Acceleration
Principle, by Ludwig Barenyi, 6 pp.

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The Determination of Changes in the Nonuniformity
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OXYGEN, [1963] 6p (figs omitted)
Order from OTS, SLA, or ETC \$1.10 TT-63-20383

Trans. of Khim[icheskaya] Prom[yshlennost'] (USSR)
1956, no. 2, p. 69-77. (Abstract available)

DESCRIPTORS: Gases, *Purification, *Oxygen,
*Hydrogenation, *Catalysis, *Nickel catalysts,
*Palladium catalysts, *Platinum catalysts, Reaction
kinetics, *Towers (Chemistry), Design.

The article contains a review of catalysts, kinetic
mechanism, methods of calculation of contact-
apparatus, and technological schemes of processing
for removal of oxygen from gases by catalytic
hydrogenation. (Author)

(Engineering--Chemical, TT, v. 11, no. 3)

I. Bereskow, G. K.
II. Slynko, M. G.

104837

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3-2-67

Sci - Materials
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The Variation in the Mechanical Properties of
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Extruding Them at High Pressure, by B. I.
Beresnev, L. F. Vereshchagin, Yu. N. Ryabinin,
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D. K. Butychev, et al.
RUSSIAN, per. Zhurnal Fizicheskoi Khimii. Vol 30,
No 8, 1956, pp 1017-1019.
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Some Problems of Large Plastic Deformation
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Pergamon Press

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Ryabinin, Yu. N.
CONDITIONS OF FLOW AND CHANGE OF ME-
CHANICAL PROPERTIES OF METALS DURING EX-
TRUSION BY LIQUID UNDER HIGH PRESSURE.
6 Mar 61, 3p. AID rept. 61-27; AD-254 396.
Order from OTS or SLA \$1.10 61-28290

Abstract trans. of Inzhenerno-Fizicheskii Zhurnal
(USSR) 1960, v. 3, no. 12, p. 43-48.

DESCRIPTORS: *Metals, *Metallurgy, Alloys, *Ex-
trusion, High pressure research, Liquids, Water
Mechanical properties, USSR, Hydroforming, Hydro-
static pressure.

An experimental method of metal extrusion by high-
pressure liquids is reported. In the preliminary ex-
periments ten liquids were tested as pressure-trans-
(Metallurgy, TT, v. 6, no. 12) (over)

61-28290

- I. Beresnev, B. I.
- II. Vereshchagin, L. F.
- III. Ryabinin, Yu. N.
- IV. AID-61-27
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Washington, D: C.
- VI. AD-254 396

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Structural Defects and Plastic Strain of Copper
at High Pressures, by D. K. Bulychev, B. I.
Bereshev, 3 pp.

RUSSIAN, per, Dok Ak Nauk Physics Sections,
Vol CLVI, No 1, May 1964, pp 67-68.

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Vol IX, No 5

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High-Pressure Hydraulic Compressor for Laboratory
Applications, by B. I. Beresnev, V. P. Ivkov,
3 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 5, 1961,
pp 162-165.

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Jul 62

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Mechanism of Photochemical Mercury Sensitized
Oxidation of Propane, by B. B. Bereslavskiy, N. V. Fok,
A. B. Nalbandyan, V. Ya. Shferin.

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1969, pp 499-501.

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Installation for the Drawing Into Wire and the
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of the Party in Developing Socialist Awareness,
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JPRS 10608

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EEur - Rumania

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Production of Theodolite Work in Combined Aerial-
Photo and Topographic Surveying, by I. Beresnev,
5 pp.

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JPRS R-108-W/94

Sci - Eng - Geodesy

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Sci - Eng - Geodesy

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The Change in the Mechanical Properties of Iron,
Deformed Through Extrusion by a High Pressure
Liquid, by Yu. N. Ryabinin, B. I. Beresnev,
B. P. Demyashkevich, 7 pp.

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Sci - Min/Met

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A Method of Investigation of the Effect of
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Properties of Prestrained Metals, by B. I.
Beresnev, L. F. Vereshchagin, Yu. N. Ryabinin,
3 pp.

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Effect of Hydrostatic Compression Upon the
Change of Physical Properties of Aluminium
After Large Plastic Deformation, by B. I.
Beresnev, L. F. Vereshchagin, Yu. N. Ryabinin,
5 pp. 9092634

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No 1, 1959, pp 128-132.

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Large Plastic Deformation of Metals at High
Pressures, by B. I. Peresnev, ~~XXXX~~
L. F. Vereshchagin, Yu. N. Riabinin, L. D.
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Ryabinin, Yu. N.

ON THE EXTRUSION OF METALS BY A FLUID
UNDER HIGH PRESSURE [O Vydavlivanii Metallov
Zhidkost'yu. Nakhodyashchetsya pod Vysokim
Davleniyem]. [1960] 7p. 8 refs.
Order from MDF \$4.50

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Trans. of A[kademiya] N[auk] SSSR. O[tdeleniye]
T[ekhnicheskikh] N[auk]. Izv[estiya: Mekhanika i
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61-12863

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I. Beresnev, B. I.

II. Vereshchagin, L. F.

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V. Friedman, Morris D., Inc.,
West Newton, Mass.

9092621

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(Machinery--Manufacturing, TT, v. 5, no. 9)

Characteristics of Extruding Metal by High-
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Sci - Min/Metal; Phys

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Feb 59

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AKI F-TS-7847

Scientific - Medicine, air, syndrome

A. 692

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By Yu. T. Shvachkin, M.K. Berestenko, pp 5

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Vzaimodeistvii Elementarnykh Chastits,

Not-Amberd, 1-14 April 1961.

AEC-tr-6632

CPSTI TT-66-S1003

Berestetskiy, B.V.

Sci - MS

Jul 66

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Interactions of Elementary Particles, by
V. A. Berestetskii.

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PROBLEMS IN THE THEORY OF Strong and weak
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V.A. BERESTNEV

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TT 256 - English

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TT 255 - English

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On the beta decay of a neutron

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Polarization in the Presence of Meson Interactions,
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DESCRIPTORS: *Electrolytes, Adsorption, Determina-
tion, *Gels, Iron compounds, Oxides, Aluminum
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(Unannounced)

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Office of Technical Services